

What is claimed is:

1. An energy accumulating device comprising a pair of electrodes, a separator set between the electrodes, a pair of collectors, a pair of conductive layers respectively set
5 between the electrode and the collector, and an electrolytic solution, wherein

at least one of the conductive layers includes aspheric conductive particles extending at least in one direction.

2. The energy accumulating device as claimed in claim 1,
10 wherein the conductive layer contains a resin component.

3. The energy accumulating device as claimed in claim 1, wherein the aspheric conductive particles extending at least in one direction are scaly graphite particles.

4. The energy accumulating device as claimed in claim 1,
15 wherein the conductive layer includes the aspheric conductive particles the one direction of which is parallel to contact faces of the collectors more than the aspheric conductive particles the one direction of which is not parallel to the contact faces.

20 5. The energy accumulating device as claimed in claim 1, wherein energy is accumulated on interfaces between the electrodes and the electrolytic solution.

6. The energy accumulating device as claimed in claim 1, wherein a lead plate for mounting a substrate is set to the
25 electrodes.

7. A fabrication method of an energy accumulating device including a pair of electrodes, a separator set between the electrodes, a pair of collectors, a pair of conductive layers respectively set between the electrode and
30 the collector, and an electrolytic solution, comprising:

a step of preparing conductive-layer paste by mixing aspheric conductive particles extending at least in one direction with a binder and a solvent;

a sep of applying the obtained conductive-layer paste onto a collector;

a step of drying the obtained paste-applied layer; and

a step of electrically connecting an electrode onto the
5 dried conductive layer.

8. A fabrication method of an energy accumulating device including a pair of electrodes, a separator set between the electrodes, a pair of collectors, a pair of conductive layers respectively set between the electrode and
10 the collector, and an electrolytic solution, comprising:

a step of preparing conductive-layer paste by mixing aspheric conductive particles extending at least in one direction with a binder and a solvent;

a step of applying the obtained conductive-layer paste
15 onto a collector;

a step of attaching an electrode without drying the obtained paste-applied layer; and

a step of drying an object obtained by integrating an electrode and a collector through conductive-layer paste.

20 9. The energy-accumulating-device fabrication method as claimed in claim 7, wherein the aspheric conductive particles extending at least in one direction are scaly graphite particles.

25 10. The energy-accumulating-device fabrication method as claimed in claim 8, wherein the aspheric conductive particles extending at least in one direction are scaly graphite particles.

30 11. The energy-accumulating-device fabrication method as claimed in claim 7, wherein the following step is included: a step of performing control so that the aspheric conductive particles the one direction of which is parallel to contact faces of the collectors are included more than the

aspheric conductive particles the one direction of which is not parallel to the contact faces.

12. The energy-accumulating-device fabrication method as claimed in claim 8, wherein the following step is included: a step of performing control so that the aspheric conductive particles the one direction of which is parallel to contact faces of the collectors are included more than the aspheric conductive particles the one direction of which is not parallel to the contact faces.

13. The energy-accumulating-device fabrication method as claimed in claim 11, wherein the step of performing control is to spin-coat the collectors with the conductive-layer paste in the step of applying the obtained conductive-layer paste onto the collectors.

14. The energy-accumulating-device fabrication method as claimed in claim 12, wherein the step of performing control is to spin-coat the collectors with the conductive-layer paste in the step of applying the obtained conductive-layer paste onto the collectors.

15. The energy-accumulating-device fabrication method as claimed in claim 12, wherein the step of performing control is to mount an electrode without drying the paste-applied layer and then contact-bond it in the step of attaching an electrode without drying the obtained paste-applied layer.